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REGULATIONS

TO BE OBSERVED BY

Candidates,

FOR

THE DIPLOMA

OF

The Royal College of Surgeons

OF

EDINBURGH.

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1837.



REGULATIONS.

SURGEONS' HALL,
Edinburgh, Nov. 1837.

THE Royal College of Surgeons of Edinburgh, in enacting and publishing, from time to time, regulations respecting the course of study to be followed by candidates for their diploma, have been uniformly anxious to improve the education of those who are hereafter to have the care of the health of the community, so as to enable them to enter on the duties of their profession with credit to themselves and advantage to the public.

It must be sufficiently obvious to all who consider the extended and complicated nature of medical science, that much of the success of the student, in the prosecution of its various branches, depends upon the direction of his early studies; and that it is of the utmost importance to the interest of the public, and to the future comfort and respectability of the practitioner, that all who apply to the study of Surgery should have the benefit of a liberal education. The College have introduced some positive regulations, which have this for their object; and they are inclined to hope that medical practitioners in every part of the country will be disposed to second their endeavours, by recommending to the young men who are placed under their care,

or who may apply to them for advice, the study of the *Latin*, *Greek*, and *Modern languages*, and of *Mathematics* and *Natural Philosophy*, as the best preparation for entering upon a course of medical and surgical education. And they would strongly urge their own Fellows, as well as all other practitioners, not to take any young man as an apprentice, until he shall have gone through this preliminary course.

The College are also desirous to point out to the public, that the profession of Surgery is a practical art, which cannot be acquired without actual experience, and familiarity with the phenomena of disease; and that they believe these objects to be best attained by serving an apprenticeship to a regular practitioner, under whose inspection young men may not only prosecute their studies with the greatest advantage, but have frequent opportunities of being conversant with the sick, and of assisting in preparing and applying the means for their recovery. The College farther strongly recommended to all masters, to give directions to their apprentices as to the classes which they ought to attend, and the books which they ought to read,—to subject them to occasional examination, with a view to ascertain their progress in the different branches of their education,—and to explain, as frequently and as fully as possible, the nature of the cases entrusted to their care, and the principles on which the treatment ought to be conducted.

The College have marked, with much satisfaction, the gradually increasing knowledge and attainments of those who present themselves for examination at Surgeons' Hall; and they are inclined to hope that the observance of the regulations now enacted will have a tendency to maintain, and to increase, the anxiety of candidates to raise their acquirements to the highest attainable standard. The College are at the same time aware, that their best efforts to improve the course of study will be incapable of effecting this desirable end, unless these are seconded by the influence of parents, guardians, and teachers.

SCHOOLS OF MEDICINE, QUALIFICATIONS OF TEACHERS.

EVERY candidate for a surgical diploma must have followed his studies in a University ; or in an Established School of Medicine ; or in a Provincial School specially recognised by the College, and which shall conform to such laws and regulations as they have enacted, or may hereafter enact.

Under the title *Established School of Medicine*, are comprehended all places in this country where diplomas in Surgery are granted, and such Foreign Schools as are acknowledged by the constituted authorities of the Countries in which they exist.

The extent and period of study allowed to be gone through at a Provincial School, will be regulated by the means and facility of study which the College receive evidence of its affording ; but the Lectures delivered at a Provincial School will only be held as qualifying for one year's course of study, unless specially recognised for more.

In Edinburgh, the lectures to be attended as part of the surgical curriculum shall be delivered by Professors in the University, by Resident Fellows of the Royal College of Physicians, or by Fellows of the Royal College of Surgeons ; and elsewhere, by Professors of Universities, by Fellows of the Royal College of Physicians of Edinburgh, by Fellows or Licentiates of the Royal College of Physicians of London, and of the King's and Queen's College of Physicians of Ireland, by Fellows of the Royal Colleges of Surgeons of Edinburgh, London, and Dublin, and of the Faculty of Physicians and Surgeons of Glasgow ; and by persons holding a Medical Degree or Surgical Diploma, whose courses of lectures have been recognised by the College on special application.

No tickets of a Professor or Lecturer shall be recognised, who teaches more than two of the branches required by the College ; but Anatomy with Practical Anatomy, and Chemistry with Practical Chemistry, shall each, in reference to this regulation, be considered as one branch.

COURSE OF STUDY.

1. *Preliminary Instruction*.—Every candidate for the diploma of the Royal College, either previously to, or during his

medical education, must have received regular instructions in the *Elements of Mathematics*; and must have attended a course of *Mechanical Philosophy* of at least *three* months' duration, delivered by a Professor of that branch in a University, a Lecturer in a public institution, or a Teacher specially recognised by the College.

2. *Professional Instruction*.—The candidate must have attended the following *separate* and *distinct* courses of lectures during a period of at least *four* Winter Sessions, or *three* Winter and *three* Summer Sessions, provided that in each Summer Session he shall have attended one or more of the courses prescribed or recommended by the College, exclusive of Hospital attendance, and also provided that the summer courses of lectures shall not commence till after the conclusion of the winter courses.

			Duration at least.
Anatomy,	2 Courses,		Six Months each.
Practical Anatomy,	{ 1 Course, or 2 Courses,		Six Months.
Chemistry,			Three Months each.
Practical Chemistry,	1 Course,		Six Months.
	1 Do.	{	Three Months.
The number of Pupils in each Class being limited to 25,			
Materia Medica and Pharmacy,	1 Do.		Six Months.
Practical Pharmacy,*	1 Do.		Six Months.
Institution of Medicine, or Phy-	{ 1 Do.		Six Months.
siology,			
Practice of Medicine,	1 Do.		Six Months.
Clinical Medicine,	{ 1 Do. or 2 Courses,		Six Months.
			Three Months each.
During the period of Attendance at the Hospital where they are delivered.			
Principles and Practice of Surgery,	2 Courses,		Six Months each.
Or {	{ Principles and Practice of Surgery, and Military Surgery,†	1 Course,	{ Six Months each.
		1 Do.	

* This is required of every candidate who has not served an apprenticeship to a regularly licensed Medical Practitioner, keeping a Laboratory for the dispensing of Medicines. It must be attended, *subsequently to attendance on Chemistry and Materia Medica*, at the Laboratory of a Surgeon or Apothecary, or of a Chemist and Druggist recognised by the College on special application, or of a Public Hospital or Dispensary; and the candidate must produce evidence that he has been engaged in compounding and dispensing Medicines.

† The course of Military Surgery must be delivered by a Professor of that branch in a University, or by a Lecturer, who, in addition to the other required qualifications, has served in the Medical Department of the Army or Navy; and the course of lectures must be of at least six months' duration, lectures being delivered at least three times per week.

Clinical Surgery,*	{	1 Course,	Six Months.
		or 2 Courses,	Three Months each.

During the period of attendance
at the Hospital where they
are delivered.

Midwifery and Diseases of Women and Children,	{	1 Course,	Three Months.
		1 Course,	Three Months.

Medical Jurisprudence,

1 Course, Three Months.

With the exception of the courses of Clinical Medicine, Clinical Surgery, and Military Surgery, in which lectures are not delivered daily, the six months' courses, delivered in Edinburgh, are understood to consist of five lectures per week for a period of not less than five months.

Two *London* courses of three months each, on any of the above subjects, shall be taken as equivalent to one six months' course.

The candidate must also have attended for *eighteen* months a Public General Hospital, containing at least eighty beds; or for *twelve* months such a *Public General Hospital*, and *six* months a *Medical or Surgical Hospital*, or *Dispensary*, recognised by the College on special application.

The following order of study is recommended as a guide to the student, though not absolutely enjoined.

First Year,	ANATOMY.
	CHEMISTRY.
	MECHANICAL PHILOSOPHY, if not previously attended.
Second Year,	ANATOMY.
	PRACTICAL ANATOMY.
	INSTITUTIONS OF MEDICINE OR PHYSIOLOGY.
	SURGERY.
	MATERIA MEDICA and PHARMACY, either in this or the Third Year.
Third Year,	PRACTICE OF PHYSIC.
	CLINICAL SURGERY.
	PRACTICAL CHEMISTRY.
	PRACTICAL PHARMACY, either in this or the Fourth Year.
	HOSPITAL.
Fourth Year,	SURGERY or MILITARY SURGERY.
	MIDWIFERY and DISEASES of WOMEN and CHILDREN.
	CLINICAL MEDICINE.
	HOSPITAL.
	MEDICAL JURISPRUDENCE.

* Clinical Medicine and Clinical Surgery cannot be attended at the same time, unless where the Hospital visit is made by the Clinical Physician and Clinical Surgeon at separate hours.

The College strongly recommend to students to avail themselves of the opportunities which they may possess of attending lectures on Botany, Natural History, Comparative Anatomy, and Pathological Anatomy, in addition to the courses of lectures which are absolutely required by the above regulations.

REGISTRATION, CERTIFICATES.

A book shall be kept in the Hall of the College for the Registration, at stated times, of all medical students who may apply.

The registration shall be conducted by the Conservator of the Museum, or by a Substitute for whom he shall be responsible. He shall enter in separate columns, 1st, The name of each individual; 2d, The Medical Classes, Hospitals, and Dispensaries, attended by each during the current season; 3d, The names of his Teachers. He shall register such only as apply personally to him, shall examine all the tickets produced by each individual, and shall not register any classes for which tickets are not produced.

Each student shall pay annually, on his first registration for the year, the sum of five shillings.

Each student, upon being registered, shall be provided with a ticket which will admit him to the Museum.

The book shall be closed for the registration of the winter classes on the 30th November in each year; and of all other classes at the end of the fourth week from their commencement.

When a student is prevented by sickness, or other unavoidable causes, from complying with the above regulations, he shall, *as soon as the case admits*, present a statement of the circumstances, with proper evidence, to the Conservator, to be laid by him before the Committee, who shall report their opinion to the College; and if the application is sustained, the individual so applying shall be enrolled in the usual manner.

All students whose classes are thus registered, shall be entitled to receive from the Conservator a Certificate of their course of study, attested by his signature; but no class shall be included in this certificate unless actual attendance thereon have been previously attested by the Professor or Lecturer. No fee is payable for this certificate.

A certificate from the Album of the University, signed by the proper Officer, shall be received as a sufficient proof that the student presenting it has entered the classes taught there at the proper period of the course; but it shall also be in the option of Students to register such classes in the manner described above, and to have them included in the same general certificate with those of the other teachers sanctioned by the College.

Such certificates shall be required from all candidates for surgical diplomas, in regard to that part of their medical education which they may have received at Edinburgh.

In addition to this proof of *having entered* to their several classes at an early period of the course, all candidates, whether educated at Edinburgh or elsewhere, shall produce certificates from the respective Professors or Lecturers of *having attended* these classes; and in the case of Practical Anatomy, the certificate must express that the candidate has been actually engaged in the dissection of the human body, under the personal superintendence of the Professor or Teacher, during the course of his attendance.

EXEMPTIONS.

CANDIDATES who have commenced attendance on their Medical Classes, or at an Hospital containing at least eighty beds, or entered into Indentures of Apprenticeship to a regular Surgeon, previously to the following dates, are entitled to the exemptions which are here specified:—

Date. Previously to	Exemptions.
September 1833.	1. From PRACTICAL PHARMACY.
1st August 1831:	2. From MEDICAL JURISPRUDENCE.
1st August 1829.	3. From the preliminary instruction in MATHEMATICS.
Do.	4. From do. in MECHANICAL PHILOSOPHY.
Do.	5. From the necessity of attending MEDICAL CLASSES for more than three Winter Sessions.
Do.	6. From Three of the Six Months of PRACTICAL ANATOMY.
Do.	7. From PRACTICAL CHEMISTRY.
Do.	8. From CLINICAL MEDICINE.
Do.	9. From Three of the Six Months of CLINICAL SURGERY.
Do.	10. From One of the Two Courses of SURGERY, and consequently from MILITARY SURGERY.
Do.	11. From Six of the Eighteen Months of HOSPITAL ATTENDANCE.

EXAMINATIONS.

The days of Examination are the first and third Tuesdays of every month.

No candidate will be admitted to examination before the termination of his last year's course of study.

Candidates who have completed their attendance on all the prescribed classes, and for the requisite number of Sessions, but whose term of hospital attendance does not expire till November, will be admitted to examination on the first Tuesday of September.

Applications for examination must be made to the President two days previously to the day of examination.

Every candidate, on applying to the President, is required to present his tickets and certificates, and also a written statement (for which a printed form will be furnished by the Officer of the College), containing his Name, Age, and Country; a list of all the Classes, Hospitals, and Dispensaries, attended during each session of his study; and, if he has been an apprentice, the name of his master, the date of his indenture, and the length of time for which he was bound. This statement, properly filled up, must be attested by his signature.

If the candidate has been an apprentice to a Fellow of the College for three years, he must also produce his discharged indenture. If for five years, he may apply at the end of four without losing any privilege, provided that he have a written permission from his master, and that the date of his indenture, and whether it is for the freedom or not, be certified at the bottom of this written permission by the Secretary.

On the production of these documents, the President will give the candidate a letter, authorizing the Examinators to take him on trial.

The Fees payable to the funds of the College must be lodged before examination in the hands of the Treasurer, who will certify this upon the President's letter, after inspecting and being satisfied with the certificates.

The Fees will be returned to unsuccessful candidates, whose names will be concealed.

Unsuccessful candidates will be remitted to their studies for a period not less than three months, to be determined by the judgment of the Examinators.

The President, if he judge it proper, can order a meeting for examination on any day, at the request of a candidate ; but, in that case, the candidate must pay Two Guineas in addition to the customary fees ; and this money is not returned to him, in the event of his being remitted.

Every candidate, at the commencement of his examination, is required to translate into English some portion of a Latin Author, and if he be unable to do so, his examination cannot proceed.

Every candidate is expected to possess such a practical knowledge of drugs as to be able to name particular substances that may be exhibited to him ; and also to write out formulæ for their administration.

FEES PAYABLE BY CANDIDATES.

For a Diploma, the sum of Seven Pounds Five Shillings.

Apprentices of Fellows of the Royal College bound for the freedom, pay Twenty-Five Shillings; their other Apprentices pay Two Pounds Sixteen Shillings and Sixpence.

Candidates for the Certificate of qualification to act as Assistant Surgeon in the Navy, who have not paid for any previous qualification, the sum of Four Pounds Nineteen Shillings and Sixpence.

Assistant Surgeons, who have already obtained Certificates from the College, applying for Certificates for the qualification of full Surgeon, Three Pounds Eighteen Shillings and Sixpence.

Assistant Surgeons in the Navy, having previously obtained the Diploma of the College, when applying for Certificates to enable them to attain the rank of full Surgeon, the sum of Two Pounds Seventeen Shillings and Sixpence.

Surgeons in the Navy, having obtained Certificates from the College, may receive the Diploma, on paying Fifteen Shillings and Sixpence.

Assistant Surgeons in the Navy, having obtained Certificates from the College, may receive the Diploma, on paying the sum of Two Pounds Eleven Shillings and Sixpence.

The sum stated above include all fees of every kind, and the officer is prohibited from receiving any.*

By authority of the ROYAL COLLEGE,

(Signed) GEO. BALLINGALL,

President.

* The Fees formerly distinguished as payable to the College, the Secretary, and Officer, are now grouped in one sum, no addition having been made to the payment exacted from the Student.

I. That every Private Lecturer at this School of Medicine sh

1. That he shall do this, by calling the name of each pupil at once a-week, and entering in a regular roll-book the presence of each individual,—the students, of course, being kept in the knowledge of the particular day on which this is to be done.

7. That, in granting Certificates of attendance on their classes, Private Lecturers shall use the annexed form, filling up the blanks with words at length, and on no account employing figures :

*I hereby certify, that Mr _____ attended my course of lectures
on _____ commencing on _____ and terminating on _____
that the roll of the class was called _____ times
during the session ; and that Mr _____ was present on
_____ of these occasions.*

7. That, when a student's certificate of attendance bears that he has been more than four times absent when the roll of his class was called, the President shall intimate this at the foot of that student's letter to the Examinators, specifying the branch, or branches, in which the defective attendance has been given, in order that he may be particularly examined upon them. But if, on the other hand, a student's certificate of attendance bears that he has been absent more than eight times when the roll of his class was called, he shall not be admitted to examination at all, until he has attended the full course of lectures on every such department of study. These regulations shall have reference to six months' courses, and one half of the numbers to regulate the procedure as to three months' courses.

VI. That when a student's absence has been occasioned by sickness, or any other unavoidable cause, such cause shall be stated in the certificate of attendance granted by the Lecturer ; and the President and Council of the College shall decide whether the student shall, or shall not, be required to attend another course of such lectures before presenting himself for examination.

VII. That the above Regulations shall be imperative on every Private Lecturer at this School of Medicine, whose lectures are recognised by the College.

By authority of the Royal College,

GEO. BALLINGALL, *President*.

SURGEONS' HALL, EDINBURGH,
21st October 1837.

